

dimmers

➔ RU1S200

1-channel universal regulator, triac dimmer with BUSing® control

To regulate LED, incandescent or halogen lighting, with or without incorporated transformer.



- 1-channel regulation
- Protection against overloads
- Digital control using a 200 regulation points Micro-Controller
- Luminaire or ceiling integration mounting
- Size: 37 x 77 x 17mm



Description

RU1S200 is a proportional universal actuator to regulate 1 channel with a maximum of 200W. This device allows the regulation of any type of load, be it halogen, incandescent or LED, with or without incorporated transformer. It is prepared to avoid the problems of flickering, incompatibilities or other inconsistencies resulting from lighting regulation.

This actuator is designed for achieving a fine and precise digital control receiving orders only via the bus, whether it is wired or wireless. So this device can be controlled from conventional push-buttons (using MECing), from remote controls, touch-screens, etc.

Using the Development System software (SIDE) is possible to configure the ramp control (progressive on-off lighting), or lower limit and upper limit.

Applicable power supplies depending on the load⁽¹⁾

- LED lighting load 200W
- Incandescent or halogen loads 230V AC 200W
- Low Voltage loads with a conventional transformer⁽²⁾ incorporated 160W
- Low Voltage loads with a electronic transformer⁽²⁾ incorporated 110W

(1) Estimated power calculated with the losses of each type of lighting.

(2) When using transformers, they must be LEADING EDGE or TRAILING-LEADING EDGE type.

Outputs/Channels

• 1-Channel regulation · Max. 200W · 10W Min. load required

Technical Characteristics

Device Reference	Voltage Supply	Max. Power Consumption	Current Consumption	Max. Power per Output	No. Outputs
RU1S200	85–265V AC 9–16V DC (BUS)	0.5W @ 230V AC	75mA* (BUS)	200W	1

* with connection to 230V AC.

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Installation

RU1S200 output wiring
Maximum output power 200W.

